

Receiving Report

Date: 12/14/15

Batch No: 112370R

Supplier: TLP 708

Dart P/O: 1837R

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: DAS Yes ☒ No ☐ N/A ☐
 QC6 Inspection: 14 Yes ☒ No ☐ N/A ☐
 Work Order: 12/14/16 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 12/14/15
 Date
 Received/Costing
 Initial

Location

Purchase Order Receipt Listing

Thursday, November 15, 2012 8:49:22 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18348 Receipt Dates from 11/15/2012 to 11/15/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Receiv Date/ Receiv Emp	Receiv Qty (PO U/M)	Cost Per Unit/ Receiv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO18348	1		M6061T6S.032	sf	11/14/2012	11/15/2012	192.0000	\$2.19	0.0000	0	\$420.42
CAD	No		6061-T6 Sheet 0.032" sf		192.0000	DESJ02		\$420.42	0.0000	0	
			123701								
	3		M2024T3S.063	sf	11/14/2012	11/15/2012	192.0000	\$5.86	0.0000	0	\$1,124.72
	No		2024-T3 .063 sheet	sf	192.0000	DESJ02		\$1,124.72	0.0000	0	
			123701								
	9		M303B1.000X2.000	f	12/11/2012	11/15/2012	12.0000	\$33.93	0.0000	0	\$407.13
	No		303 BAR 1" X 2"	f	12.0000	DESJ02		\$407.13	0.0000	0	
			123701								

Total Received Quantity: 396.0000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$1,952.27
Total Balance Due Quantity: 0.0000

B I L L O F L A D I N G

No: PEC 795191

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Nov12 at 14:50 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-507933- 1 Your PO # 18348
ALUMINUM SHEET 6061 T6

.0320 Nom X 48.0000" X 144.0000"

Heat Number Tag No
599936A2 124571

Quantity PCS Wt LBS
192.00 SFT 4 87

2) Our Order PEC-507933- 2 Your PO # 18348
ALUMINUM SHEET 2024 -T3

.0640 Nom X 48.0000" X 144.0000"

Heat Number Tag No
64862/01 124572

Quantity PCS Wt LBS
192.00 SFT 4 174

TOTAL: Tags 2 PCS 8 LBS 261

SUR-CHARGE ADDED ON 507930

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 CUSH 1 SKID G.W 407 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

1/12/12
1 crate
1 crush

B I L L O F L A D I N G

No: PEC 795197

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Nov12 at 15:06 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-507943- 1 Your PO # 18348
 STAINLESS STEEL FLAT BAR 303CD
 1.00" X 2.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
258118	124560	12 FT	1	82

TOTAL:	Tags	PCS	LBS
	1	1	82

SUR-CHARGE ADDED ON 507930 / 507933

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL OF 1 PC GR.W. 82 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 795197

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Nov12 at 15:06 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Käufer/Cliet
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.
Hersteller/Item/Usine producer

Stato di fornitura: - Annealed Cold Drawn
Lieferzustand/Delivery state/État de livraison

Specifiche:
Anforderungen / Requirements / Exigences

VSI 0 303 A,CF
AMS 5640 U TYPE1 A
ASTM A320 2011A B8F (1)
MIL-S-882 B/1 303

(0) SEC.II PT.A 2010 EDITION ADD. 2011a
(1) Chemical analysis only.

Qualità: T-303 MAXX
Werkstoff/Grade/Qualité

Pos. nr. Pos. nr. Nr. de poste	Objetto Gegenstand Produit description Description du produit	Dimensioni - In Abmessungen Dimension Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0071	Flat	2,0000 x 1,0000	146 / 146	258118		2.068	205303960

AISI 303
ASME SA320 2010 B8F (0)
ASTM A370 2011A
QQ-S-764 B/2 303 A

(0) Chemical analysis only.

AMS 5640 U S30300 A
ASTM A314 2008 S30300
ASTM A582 2012 S30300 A

Certificato nr: MEST249418/2012/
Prüfung/Tes/Exam

Conferma ordine nr: EI12004351
Werkz./Our Order/Nr.

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine producteur

Punzone del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Prinçon de l'assesseur



Punzonatura: 303
Körnungszahl/Marking/Marquage

TEST ALLO STATO DI FORNITURA Test on delivery condition Prüfung auf Lieferbareitem produkt test a l'état de fourniture Prueba sobre el material así como entregado											
TEST	Provetta/Probe: Specimen/Proben: Larg.dim Spess. Größe Dim. Dicke Wich Dim. Dicke Larg. dim. épais min	°F	Posiz. Saggio Probenlage Probenlage	Sneramento Gravimetric Yield Stress Rp 0,2% k.s.l.	Sneramento Gravimetric Yield Stress Rp 0,2% k.s.l.	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.l.	Allungamento Brustdehnung Elongation Allongement E 4d %	Strizione Einziehung Reduction of area Striction RA %	Resilienza Kerbschlagenergie Impact Value Resilience	Durezza Härte Hardness Dureté HB	
Valori richiesti 1 Anforderungen/Required values Valeurs dimensionées		min max									
A	12,5	68	L	67		99	37	53		227	
TEST						min	max				
A	Grain size for ASTM E112						5				

1) L=longitudinale/longs, T=transversale/quers, Q=Transversale/tangentiel

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata/Heat Schmelze/Coulée	min - max 0,150	1,00	1,50 2,00	17,00 19,00	0,80	1,00	8,00 10,00	0,100	0,25 0,35	0,400	-	-	-	-
C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	Zr %				
258118	0,041	0,32	1,70	17,28	0,37	0,61	8,06	0,160	0,031	0,28	0,002			

Produced without class I-II Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940°F for 1 h/water.
Micro and macro etch test: OK
Material is DFARS Compliant

14/09/12

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind i. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été livré conforme aux exigences

Controllo antimiscelazione: OK
Verwechslungsprüfung: spezialanalytisch durchgeführt
Antimixing testing performed: OK
Controlle antimélange satisfaisant

Controllo visivo e dimensionale: soddisfatta le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks satisfactory
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.
The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1.s., 4.3 by TUEV and LLOYD'S

Vicenza, 27/09/12 V00008 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkstoffverständiger / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402156549

Part: PO: PEC# 243499

Wgt: 82.000 LB Date: 11/09/2012

James K. Baber

Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY LLOYD'S REGISTER

CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Cliant

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**

Hersteller/Fabrik/Usine productrice

Stato di fornitura: - Annealed Cold Drawn

Lieferzustand/Delivery state/Etat de livraison

Avviso di Spedizione: D-VI12027851
Lieferanzugs/Packing list/B.L.

Ordine nr: 33244 5400144847-R02
Bestell/Your order/Commande

Tipo di Elaborazione: E+AOD
Erzeugungsgang/Working process/Mode d'elaboration

Certificato nr: MEST249418/2012/
Prüfung/Test/Essai

Conferma ordine nr: EI12004351
Werkz/Our Order/Reçu nr.

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine productrice



Punzone del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Plombon de l'essayeur



Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 27/09/12

VCC006
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffverständiger / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402156549

Part: PO: PEC# 243499

Wgt: 82.000 LB Date: 11/09/2012

James K. Baber

SHIP TO:

COPPER & BRASS SALES
905 CARLOW DRIVE
UNIT D
BOLINGBROOK, IL 60490

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4278723

SOLD TO:

COPPER & BRASS SALES
ATTN: ACCOUNTS PAYABLE
P.O. Box 5116
SOUTHFIELD, MI 48086

CUSTOMER PO NUMBER: 5400150915		WORK PACKAGE:		CUSTOMER PART NUMBER: ALFLR01843		SHIP RUN/LOAD: 102451/17		GOVT CONTRACT NUMBER:		
KAISER ORDER NO: 1140063		LINE ITEM: 1	SHIP DATE: 12-OCT-2012		ALLOY: 6061	CLAD: BARE	TEMPER: T6	PRODUCT DESCRIPTION: HT Flat Sheet		
WEIGHT SHIPPED: 10807 LB		QUANTITY: 493 PCS EST.		TRUCK BL #: 2039250		GAUGE: 0.0320 IN (0.8128 MM)		DIAMETER/WIDTH: 48.000 IN (1219.2 MM)		LENGTH: 144.000 IN (3657.6 MM)

MHU 1627545: LOT 599936A2: 39 pieces;
MHU 1627689: LOT 599936A2: 175 pieces;
MHU 1629089: LOT 610815A3: 104 pieces;
MHU 1629095: LOT 610815A3: 175 pieces;

Certified Specifications

AMS 4027/RevN

ASME SB 209/Rev2004

ASTM B 209/Rev10

Test Code: 1511

Test Results

Lot: 599936A2 Cast 880

Drop 05

Ingot 1

Melted in USA

(ASTM B8/B557)
(EN 2002-1)

Tensile: Temper
T6

Dir / # Tests
LT / 2 (Min:Max)

Ultimate KSI (MPA)
48.8 : 49.4
(336 : 341)

Yield KSI (MPA)
43.9 : 44.3
(303 : 305)

Elongation %
11.2 : 12.0

(ASTM E1251)

Chemistry: Si
Actual(wt%) 0.76

FE
0.5

CU
0.34

MN
0.06

MG
1.0

CR
0.16

ZN
0.17

TI
0.02

V
0.01

ZR
0.00

TOT

OTHER
0.05



From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402152061

Part: PO: PEC# 243499

Wgt: 86.704 LB Date: 11/07/2012

James K. Baber

**KAISER
ALUMINUM**Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586**CERTIFIED TEST REPORT**Serial Number
4278723

Lot: 610815A3 Cast 880 Drop 14 Ingot 3 Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPa)	Yield KSI (MPa)	Elongation %
T6		LT / 2 (Min:Max)	45.1 : 45.4 (311 : 313)	39.5 : 39.7 (272 : 274)	11.7 : 11.7

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.75	0.5	0.31	0.06	1.0	0.18	0.16	0.02	0.01	0.00	TOT 0.04

ALLOY LIMITS

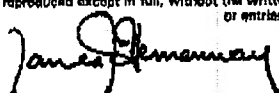
	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061												
MIN(wt%)	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder**TEST NOTES**

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on this certificate may be punished as a felony under federal law. ISO-9001:2000 certified.


JAMES HEMENWAY, LABORATORIES SUPERVISOR

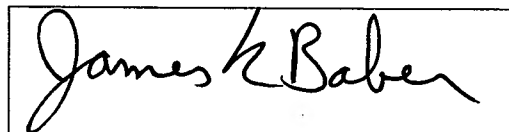
Page 2 of 2

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402152061

Part: PO: PEC# 243499

Wgt: 86.704 LB Date: 11/07/2012



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85271188 01 / 1

Rev. 0

Seite / page: 2 von / of 2

Datum / date: 2012 08 07

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, ENAS 9100, ISO 14001, NADCAP

Elektr. Leitfähigkeit / electr. conductivity							
BNr/Los Lot/No.	Zustand temper	Tests		dL_B [% IACS]			
			spec. min.				
			spec. max.	2,6			
64862/01	T3	21	Min				
64862/01	T3		Max	0,4			

Sonstige Prüfungen / other Tests

Biegeversuch / Transverse bend test: OK.

Maßkontrolle / Dimensional Check: OK.

Oberfläche / Surface Inspection: OK.

Bemerkungen / notes

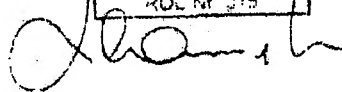
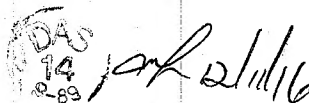
Die Dimensionstoleranzen entsprechen ANSI XXX
 As standard, dimensional tolerances are to ANSI XXX

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.
 We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werkssachverständiger / factory specialist	E-Mail / e-mail
Klampfer Josef	josef.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.
 Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

AMAG rolling
 Werkssachverständiger
 ROL Nr. 215

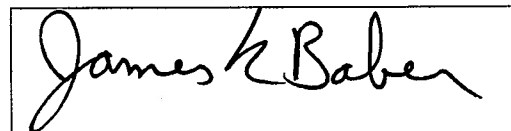
AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich – www.amag.at
 AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria – www.amag.at

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402152115

Part: PO: PEC# 243499

Wgt: 174.182 LB Date: 11/07/2012



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85271188 01 / 1

Rev. 0

Seite / page: 1 von / of 2

Datum / date: 2012 08 07

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Auftraggeber / customer: Charleston Aluminum, LLC 480 Frontage Road GASTON SC 29053 USA Warenempfänger / consignee: Charleston Aluminum, LLC 480 Frontage Road GASTON SC 29053 USA Endkunde, Bestell-Nr. / Your cust., ord. no.:	Bestell Nr. / order no.: 2004-G Datum / date: 2012 03 13
	Auftragsbest. Nr. / order confirm. no.: 638938 Datum / date: 2012 03 15
	Lieferschein Nr. / delivery note: 85271188 Datum / date: 2012 08 31
	Akkreditiv Nr. / letter of credit no.:

Produkt/product: Form / form: Werkstoff / material: 2024 Zustand / temper: T3 Dim. / dim: [inch]: 0,063x48,00x144,00 Kundenartikel-Nr / customer article no.:	Bedingungen/terms: Techn. Lieferbedingungen / techn. spec.: AMS-QQ-A-250/4A, 09.1998 ASTM B 209 - 10 AMS 4037N, 07.2003 WL 3.1354-1, 12.1987 Cessna CMMP019, Rev. D, 09-07-01 Cessna CMMP025, Rev. T, 01-25-10 ABM 1-6015, Issue 2, OCT 2004 AIR9048, 26 December 1978 Sondervorschrift / special terms:
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AB-Pos. ord.-item.	BNr/Los/Tellos Lot/No./Part	Guss Nr. cast no.	Werkstoff material	Kollo packno.	Gewicht netto weight net	Stk. pcs.
04	64862/01/00	01/0051093/2	2024	6389380005	2447,09 lbs	55
04	64862/01/00	01/0051093/2	2024	6389380006	2449,295 lbs	55
04	64862/01/00	01/0051093/2	2024	6389380007	2447,09 lbs	55
04	64862/01/00	01/0051093/2	2024	6389380008	2447,09 lbs	55

Chemische Zusammensetzung / chemical composition: [%] Gewichtsanteile / weight proportion (OES)											
Guss Nr. / cast no.	AMAG designation	Al	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti
01/0051093/2	actual	93,31	0,08	0,12	4,3	0,53	1,5	<0,01	<0,01	0,05	0,03
		Ti+Zr	Sonstige Elemente	Sonstige Summe							
	actual	0,03	0,02	0,03							

Zugversuch / Tensile test									
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.	63,8	42,1	15		
				spec.max.					
64862/01	T3	LT	7	Min	66,7	48,4	17		
64862/01	T3	LT		Max	67,3	49,3	18		

AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich – www.amag.at
AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria – www.amag.at

Handwritten signature and date: 12/11/16

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402152115

Part: PO: PEC# 243499

Wgt: 174.182 LB Date: 11/07/2012

James K. Baber

DART
aerospaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053**PURCHASE ORDER**Purchase Order ID **PO18348**

Purchase Order Date 11/07/12

PO Print Date 11/07/12

Page Number 1 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA**FAXED**
12/11/12

M12 3701

M123699

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6S.032	6061-T6 Sheet 0.032"	11/14/12 Yes	192.00 sf	Yours ppd	\$2.1875	\$420.00
		Special Inst: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A- 250/11 OR AMS 4025 OR AMS 40327 OR ASTM B209					
2	M304S18GA	304/316 .050 Sheet	11/14/12 Yes	192.00 sf	Yours ppd	\$3.3828	\$649.50
		Special Inst: MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH AS MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240					
3	M2024T3S.063	2024-T3 .063 sheet	11/14/12 Yes	192.00 sf	Yours ppd	\$5.8521	\$1,123.60

MATERIAL CERTIFICATION
REQD UPON DELIVERY

PO Instructions:

QUOTE : # PEC ST-506619

No substitution or deviation without
consent.Certificate of Conformity or Material
Certification required - YES NO

Change Nbr:

1

Change Date: 11/07/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18348

Purchase Order Date 11/07/12

PO Print Date 11/07/12

Page Number 2 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 2024-T3 ALUMINUM SHEET
QQ-A-250/4 OR AMS-QQ-A-250/4 OR
AMS 4037
OR ASTM B209

4 M6061T6B2.000X01.250

6061-T6 Bar 2.00 x 1.25

11/14/12

Yes

36.00 Yours ppd
f

\$6.0000

\$216.00

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

5 M6061T6B1.000X12.000

6061-T6 Bar 1.00 x 12.00

11/14/12

Yes

12.00 Yours ppd
f

\$28.3333

\$340.00

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

6 M6061T6B1.250X01.250

6061-T6 Bar 1.25 x 1.25

11/14/12

Yes

12.00 Yours ppd
f

\$3.6670

\$44.00

MATERIAL CERTIFICATION
REQD UPON DELIVERY

PO Instructions:

QUOTE : # PEC ST-506619

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consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr:

1

Change Date:

11/07/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Purchase Order Date 11/07/12

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Page Number 3 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 6061-T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

7 M6061T6B1.500X01.250

6061-T6 Bar 1.50 x 1.25

11/14/12

Yes

12.00

f

Yours ppd

\$4.5500

\$54.60

Special Inst:

MATERIAL: 6061-T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

8 M6061T6B2.500X03.500

6061-T6 Bar 2.50 x 3.50

11/14/12

Yes

12.00

f

Yours ppd

\$20.6600

\$247.92

Special Inst:

MATERIAL: 6061-T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

9 M303B1.000X2.000

303 BAR 1" X 2"

11/14/12

Yes

12.00

f

Yours ppd

\$33.8933

\$406.72

PO Instructions: QUOTE : # PEC ST-506619

Change Nbr: 1

Change Date: 11/07/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18348**

Purchase Order Date 11/07/12

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Page Number 4 of 4

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VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst: MATERIAL: AISI 303 SS BAR AS PER
ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

10 M304B0.250X4.000

304 BAR .250 x 4.00

11/14/12

Yes

24.00

Yours ppd

\$7.4800

\$179.52

Special Inst: MATERIAL: AISI 304/316 SS BAR OR
AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240
NOTE: AISI 303 NOT ACCEPTABLE

PO Total:

\$3,681.86

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

PO Instructions: QUOTE : # PEC ST-506619

Change Nbr: 1

Change Date: 11/07/12

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consent.
Certificate of Conformity or Material
Certification required - YES NO